

## CLAIMS

1. A device for testing a fire alarm including a smoke alarm and at least one gas sensor, the device comprising a testing pot fittable over a fire alarm; a first gas container with aerosol for operational testing of the smoke alarm, said first gas container having a first valve and a first gas outlet opening, said first gas outlet opening extending into said testing part; and means for making a testing gas for at least one gas sensor available in said testing pot.

2. A device as defined in claim 1; and further comprising a second gas container for at least one testing gas, said second gas container being provided with a second valve.

3. A device as defined in claim 2, wherein said second gas container is connected with said first gas outlet opening.

4. A device as defined in claim 2, wherein said second gas container has a second gas outlet opening.

5. A device as defined in claim 1, wherein said first gas container accommodates at least one testing gas which is used as an aerosol.

6. A device as defined in claim 1, wherein said first gas container contains a testing gas which is selected from the group consisting of methanol and ethanol.

7. A device as defined in claim 1; and further comprising an electrolysis unit for producing hydrogen as at least one testing gas.

8. A device as defined in claim 7, wherein said electrolysis unit has an aqueous sodium sulfate solution.

9. A device as defined in claim 1, wherein said first gas outlet opening is oriented to a temperature sensor of the fire alarm.

10. A device as defined in claim 2, wherein said first and second valves are controllable in a manner selected from the group consisting of a mechanical control and an electro mechanical control.

11. A device as defined in claim 2; and further comprising a control unit which controls at least one of said first and second valves.

12. A device as defined in claim 2, wherein at least one of said first and second gas containers is formed as a spray box.

13. A method of testing a fire alarm, comprising the steps of performing an operational testing of a smoke alarm of the fire alarm with an aerosol, together with an operational testing of the smoke alarm, and performing an operational testing of at least one gas sensor of the fire alarm with at least one testing gas.

14. A device as defined in claim 13; and further comprising using the aerosol and at least one testing gas either simultaneously or directly one after the other.

15. A device as defined in claim 13; and further comprising using hydrogen for testing of the at least one gas sensor, which is generated by electrolysis.

16. A device as defined in claim 13; and further comprising using an alcohol selected from the group consisting of methanol and ethanol for testing of the at least one gas sensor.

17. A device as defined in claim 13; and further comprising an operationally testing a temperature sensor of the fire alarm by a temperature reduction with a testing gas which is sprayed on the temperature sensor and selected from the group consisting of the aerosol, at least one testing gas, and both.

18. A device as defined in claim 17; and further comprising means for switching a testing mode; and means for signaling an operational ability of the alarm.